PTO/SB/05 (08-03)
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## UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attomey Docket No.	PD-02W167			
First Inventor	James R. Gallivan	0		
Title	Millimeter-Wave Area	2239		
Express Mail Label No.	EV 278402064			

See MPEP	APPLICATION ELEMENTS chapter 600 concerning utility patent application contents.	ADDRESS TO:  Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450							
2. Applic See 3' 3. Specif (preferi - Desci - Cross - State - Referi or a c - Backy - Brief - Brief	ransmittal Form (e.g., PTO/SB/17)  it an original and a duplicate for fee processing)  ant claims small entity status.  7 CFR 1.27.  fication [Total Pages28]  red arrangement set forth below)  riptive title of the invention  8 Reference to Related Applications  ment Regarding Fed sponsored R & D  rence to sequence listing, a table,  computer program listing appendix  ground of the Invention  Summary of the Invention  Description of the Drawings (if filed)  led Description	<ol> <li>CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</li> <li>Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)         <ol> <li>Computer Readable Form (CRF)</li> <li>Specification Sequence Listing on:</li></ol></li></ol>							
		ACCOMPANYING APPLICATION PARTS							
- Claim(s) - Abstract of the Disclosure  4. Drawing(s) (35 U.S.C. 113) [Total Sheets7]  5. Oath or Declaration [Total Sheets7]  a. Newly executed (original or copy)  b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)  i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76  18. If a CONTINUING APPLICATION, check appropriate box, and supproperties of the prior application Data Sheet under 37 Continuation Divisional Continuation		9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney 11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. Other: Postcard & Certificate of Mailing.							
Prior application information:  Examiner  For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.									
	19. CORRESPON	DENCE ADDRESS							
Custom	ner Number:	OR Correspondence address below							
Name	Thomas J. Finn								
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City	2000 E. El Segundo Blvd. Tucson	State AZ Zip Code 85734-1337							
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	Al	320 704 3233							
Name (Print/Type) Thomas J. Finh, Esq. Registration No. (Attorney/Agent) 48,066									
Signature	J. Marris	Date   - (5-0 <del>{</del>							

This collection of information is required by 37 CFR 1.53(b) The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (10-03)

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FEE TRANSMITTAL			Complete II Known						
I LE INANSIMITIA	<b>-</b>	Application Number							
for FY 2004			Filing Date			HEREWITH			
			First Named Inventor			JAMES R. GALLIVAN			
Effective 10/01/2003. Patent fees are subject to annual revision.		Examiner Name							
Applicant claims small entity status. See 37 CFR 1.27		Art Unit							
TOTAL AMOUNT OF PAYMENT (\$)		Attorney Docket No. PD-02W167				PD-02W167			
METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)								
Check Credit card Money Other None	3. ADDITIONAL FEES								
✓ Deposit Account:	<u>Large</u>	Entity	Small	Entity					
Denosit	Fee Code		Fee Code	Fee (\$)		Fee Description	Fee Paid		
Account Sumber 50-0888	1051	٠,	2051		Surch	arge - late filing fee or oath	Tee raid		
Deposit Account	1052	50	2052	25		arge - late provisional filing fee or			
Name	1053	130	1053	130		sheet English specification			
The Director is authorized to: (check all that apply)  Charge fee(s) indicated below  Credit any overpayments		2,520	1812 2			ing a request for ex parte reexamination	1		
Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804	920*		esting publication of SIR prior to			
Charge fee(s) indicated below, except for the filing fee	1805	1,840*	1805	1,840*	Requ	iner action esting publication of SIR after			
to the above-identified deposit account.	1251	110	2251	55		niner action sion for reply within first month			
FEE CALCULATION	1252		2252	210		nsion for reply within second month			
1. BASIC FILING FEE Large Entity Small Entity	1253		2253		Exten	nsion for reply within third month			
Fee Fee Fee Fee Description Fee Paid	1254	1,480	2254			nsion for reply within fourth month			
Code (\$) Code (\$)  1001 770 2001 385 Utility filing fee	1255	2,010	2255			nsion for reply within fifth month			
1002 340 2002 170 Design filing fee 770.00	1401	330	2401	165	Notice	e of Appeal			
1003 530 2003 265 Plant filing fee	1402	330	2402			a brief in support of an appeal			
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Requ	est for oral hearing			
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petitio	on to institute a public use proceeding			
SUBTOTAL (1) (\$) 700.00	1452	110	2452	55	Petitio	on to revive - unavoidable			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453	1,330	2453	665	Petitio	on to revive - unintentional			
Fee from	ľ	1,330	2501		-	rissue fee (or reissue)			
Extra Claims below Fee Paid  Total Claims 29 -20** = 9 X 18 = 162.	1502		2502		_	gn issue fee	$\vdash$		
Independent 3 - 3** = 0 X 0 = 0	1503 1460		2503 1460			t issue fee			
Multiple Dependent	1807	50	1807			essing fee under 37 CFR 1.17(q)	$\vdash$		
Large Entity   Small Entity	1806		1806			nission of Information Disclosure Stmt			
Fee Fee Fee Fee <u>Fee Description</u> Code (\$) Code (\$)	8021					rding each patent assignment per	40.00		
1202 18 2202 9 Claims in excess of 20		40	8021		prope	erty (times number of properties)			
1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385		a submission after final rejection FR 1.129(a))			
1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 ** Reissue independent claims	1810	770	2810	385		ach additional invention to be ined (37 CFR 1.129(b))			
over original patent	1801		2801		•	uest for Continued Examination (RCE)			
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802		1802	900		uest for expedited examination design application			
SUBTOTAL (2) (\$) 162.00		Other fee (specify)					<u> </u>		
**Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)									
SUBMITTED BY (Complete (if applicable))									
Name (Print/Type) Thomas D Finn, Est Registration No. 48,066 Telephone 520-794-3268									

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Signature

## "EXPRESS MAIL" mailing label number EV 278402064 US DATE OF DEPOSIT:

PD-02W167

by

## James R. Gallivan, Kenneth W. Brown, Philip D. Starbuck, Andarew K. Brown

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